

LIQUID EFFLUENT

Central Facility Area (CFA) Sewage Treatment Plant (STP) Results for 2004

The WLAP for CFA STP (LA-000141-01) requires that the influent from the lift station (CFA-LS1) be sampled monthly and the effluent prior to the pivot (CFA-STF) be sample monthly during periods of operation for the following parameters:

Influent (CFA-LS1)	Effluent (CFA-STF)
Daily flow	Daily flow
Total Kjeldahl nitrogen	Total Kjeldahl nitrogen
Nitrate + nitrite as nitrogen	Nitrate + nitrite as nitrogen
Biochemical oxygen demand	Biochemical oxygen demand
Chemical oxygen demand	Chemical oxygen demand
Total suspended solids	Total suspended solids
pH	pH
	Total phosphorus
	Fecal coliform
	Total coliform

However, the permit does not specify any concentration limits for either the influent or the effluent, nor does it specify a permit year flow limit.

During the first quarter of 2004:

- The pivot was not operational; therefore, the effluent was not sampled.
- All permit-required parameters for the influent were within historical ranges.
- There were no permit noncompliances.

During the second quarter of 2004:

- The pivot was operational starting on June 28, 2004, and all influent and effluent permit-required parameters were within historical ranges.
- There were no permit noncompliances associated with the influent or effluent.

During the third quarter of 2004:

- The pivot was operational, and all influent and effluent permit-required parameters were within historical ranges.
- There were no permit noncompliances associated with the influent or effluent.

During the fourth quarter of 2004:

- The pivot was operational through October 21, 2004, and all influent and effluent permit-required parameters were within historical ranges.
- All permit-required samples were collected for both the influent and effluent; however, due to laboratory error, biochemical oxygen demand results were not obtained for the October sample, which resulted in a permit noncompliance; however, it did not endanger public health or the environment.

FOR MORE INFORMATION

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